

NSF Data Management Plan

Roald Hoffmann's group's need to fulfill NSF's data management requirements.

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Updates

2/16/16: I met with Michael and Frank regarding my efforts on this topic.

- No need for me to do more unless asked by Chemistry folks.

See also

- [CIT project management role possible for this topic](#) (restricted access: Ask Chemistry IT for info)

Evolving plan

Establish a case study, which combines functional service provisioning, as well as a pilot to identify generalizable solutions others can use. "Pilot plus service delivery."

3/22/14: Met with Roald, Andreas, Leah (Library) and Paul (CIT). Current plan:

Once Roald has grant funds:

1) EZ-Backup on all researchers' computers.

2) When first exit, confer with CIT (Paul) to move last snap-shot of researcher's computer to Node under Roald's EZ-Backup account. Compare this cost and risks associated with buying a hard drive to hang off of Roald's computer.

- //Very// tentative: CIT's finance folks will consider pricing this under a one-time fee instead of paying monthly for this non-changing data.

Potential partners

Hoffmann's research group

P.I. Roald Hoffmann

Andreas Hermann <ah736> (here through May 2013)

- Subject-matter expertise
- Capability to confirm or reject proposed solutions and tests
- Ultimate determiner of success

Library

Document best practices

Centralized stewardship and maintenance of best practices. Insuring institutional memory for decisions and process.

- This reduces rework/ rediscovery by others, increases efficiencies, and enables improvements.

Document decision points and workflow options and considerations

- Assist with data identification, organization, tracking, etc.
- Likely very discipline-specific. In this case, focus on Hoffmann's chemistry research data, and look for generalizable recommendations
- Process optimization.

Identify local and non-local resources

- Applied wisdom in the realm of archiving and preservation.

CIT

Providers and experts of the technical components likely used.

Potential project management role

- [CIT project management role possible for this topic](#) (restricted access: Ask Chemistry IT for info)

CRCF (Chemistry IT)

Initiating partner conversations and facilitating progress as appropriate.

Ideas

Use CIT's EZ-Backup service

<http://www.it.cornell.edu/services/ezbackup/faq.cfm#archive>

Use CIT's SFS service

<http://www.it.cornell.edu/services/sharedfile/use.cfm>

More work needed to determine if there might be a possible "fit".

Resources

- Hoffmann's "Data Management Plan" 2-page write up. Request a copy from Oliver, unless approved to post here.
- Chemisty's NMR's "Data Management Plan" 1-page write up, from Ivan. Request a copy from Oliver, unless approved to post here.
- [Establishing a Data Management Plan Consulting Group on Campus](#) (an EDUCAUSE Review), by Kim Owen and Michael Fary
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